

► CVP 5220

Cooling vest



Technical specifications

Difference in skin temperature with Dräger CVP 5220 cooling vest: 3-4 °C drop

Duration: About 1.5 to 4 hours

Total weight, including cooling elements: approx. 2.1 kg

Cooling area: approximately 0.22 m²

Fastening: Large hook-and-loop fastening for a secure closure.

Material (jacket): polyester

Material (PCM elements): salt mixture, in polyester / polyamide

Color :

- inside: black
- outside: blue

PCM elements: 20 pieces

Regeneration time of PCM elements:

- at +20 °C: around 4 hours
- at + 8 °C: around 30 minutes

Storage conditions: horizontally

Storage temperature: <22 °C

► Sizes

Chest circumference	Size	Reference
84 – 100 cm	S / M	R 58 762
100 – 116 cm	L / XL	R 58 763
116 – 132 cm	XXL / XXXL	R 58 764
132 – 148 cm	XXXXL / XXXXXL	R 58 761

Product description

Ideal for physical work, the Dräger **CVP 5220** cooling vest is ready immediately without prior preparation. It automatically develops a cooling effect for up to 4 hours without the need to freeze or immerse the cooling elements in water. Depending on physical effort and ambient temperature, the cooling effect of the Dräger comfort jacket can last up to four hours.

The cooling effect is based on the 20 PCM (Phase Change Material) elements that are built into the jacket. When performing physical work that causes sweating, at high ambient temperatures or above a 28 °C skin temperature, PCM elements absorb excess heat and become liquid. The skin temperature drops by about 3-4 °C.

The PCM elements are flexibly arranged on the body, allowing for great movement freedom. The jacket can be worn simply underneath protective clothing such as fire-fighting gear or gas-tight chemical protective suits. Large continuous hook-and-loop fasteners ensure secure closure.

The cooling elements return to a solid state at a storage temperature below 22 °C. After a maximum of four hours, they regenerate and can be used again. The lower the temperature, the faster the regeneration process will be.

► Main assets

- Comfortable cooling jacket ready immediately without prior preparation
- Up to 4 cooling hours per use
- Easy to adjust thanks to the velcro straps
- Skin temperature difference: drop from 3 to 4 °C
- Automatic regeneration below 22 °C in 4 hours maximum (20 minutes below 8 °C)
- Lifespan of PCM elements: up to three years
- Washable jacket after removing the cooling elements
- Available in four different sizes (S / M, L / XL, XXL / XXXL, XXXXL / XXXXXL)

► Accessories

Accessories	Reference
PCM element	R 45 104
Transport bag (blue)	R 53 373